

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\  
 Data File : BM002351.D  
 Acq On : 12 Aug 2015 08:32  
 Operator : UM/IZ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02025

Quant Time: Aug 12 09:12:26 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 04:50:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.90  | 152  | 225168   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.77 | 136  | 1000419  | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.49 | 164  | 504867   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.19 | 188  | 1004059  | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.28 | 240  | 738791   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.97 | 264  | 638180   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |         |       |       |      |
|------------------------|-------|-----|---------|-------|-------|------|
| 7) Acenaphthylene-d8   | 15.19 | 160 | 1054868 | 20.17 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 16.46 | 176 | 708838  | 19.49 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 18.29 | 188 | 984210  | 20.20 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 20.51 | 212 | 875151  | 24.42 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.80 | 264 | 683053  | 20.16 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |       |       | Ovalue |
|----------------------------|-------|-----|---------|-------|-------|--------|
| 3) Naphthalene             | 11.82 | 128 | 1050211 | 19.94 | ng/ul | 99     |
| 4) 2-Methylnaphthalene     | 13.37 | 142 | 718873  | 19.10 | ng/ul | 98     |
| 5) 1-Methylnaphthalene     | 13.58 | 142 | 707691  | 19.08 | ng/ul | 99     |
| 8) Acenaphthylene          | 15.22 | 152 | 1096629 | 20.20 | ng/ul | 100    |
| 9) Acenaphthene            | 15.54 | 153 | 732199  | 20.05 | ng/ul | 99     |
| 11) Fluorene               | 16.51 | 166 | 805195  | 19.58 | ng/ul | 100    |
| 13) Phenanthrene           | 18.24 | 178 | 1162126 | 20.11 | ng/ul | 99     |
| 15) Anthracene             | 18.33 | 178 | 1196805 | 20.05 | ng/ul | 99     |
| 16) Fluoranthene           | 20.18 | 202 | 1154536 | 18.04 | ng/ul | 100    |
| 19) Pyrene                 | 20.54 | 202 | 1159763 | 24.28 | ng/ul | 97     |
| 20) Benzo(a)anthracene     | 22.26 | 228 | 914608  | 20.28 | ng/ul | 99     |
| 21) Chrysene               | 22.32 | 228 | 856492  | 20.04 | ng/ul | 100    |
| 23) Benzo(b)fluoranthene   | 24.14 | 252 | 820024  | 20.67 | ng/ul | 100    |
| 24) Benzo(k)fluoranthene   | 24.19 | 252 | 775293  | 20.35 | ng/ul | 98     |
| 26) Benzo(a)pyrene         | 24.86 | 252 | 765565  | 20.17 | ng/ul | 99     |
| 27) Indeno(1,2,3-cd)pyrene | 27.82 | 276 | 882938  | 20.29 | ng/ul | 98     |
| 28) Dibenzo(a,h)anthracene | 27.83 | 278 | 752851  | 20.42 | ng/ul | 100    |
| 29) Benzo(g,h,i)perylene   | 28.71 | 276 | 743682  | 20.26 | ng/ul | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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